



amdtc

SEQUENCE LISTING

<110> Schellenberger, Volker
Liu, Amy D.
Selifonova, Olga V.

<120> Directed Evolution of Microorganisms

<130> GC560-D1

<140> US 10/037,677

<141> 2001-10-23

<150> US 09/314,847

<151> 1999-05-19

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<210> 1

<211> 741

<212> DNA

<213> Escherichia coli

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cataacgcag	cgttcgatat	cggctttatg	gactacgagt	tttcggtgct	taagcgcgat	360
attccgaaga	ccaatacttt	ctgtaaggtc	accgatagcc	ttgcggtggc	gaggaaaatg	420
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<213> Escherichia coli

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 Glu Phe Ser Leu Leu Lys Arg Asp Ile Pro Lys Thr Asn Thr Phe Cys
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 Arg Asn Ser Leu Asp Ala Leu Cys Ala Arg Tyr Glu Ile Asp Asn Ser
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 165 170 175
 Val Tyr Leu Ala Met Thr Gly Gly Gln Thr Ser Met Ala Phe Ala Met
 180 185 190
 Glu Gly Glu Thr Gln Gln Gln Gln Gly Glu Ala Thr Ile Gln Arg Ile
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 Val Arg Gln Ala Ser Lys Leu Arg Val Val Phe Ala Thr Asp Glu Glu
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Thr	Lys	Val	Lys	Phe	Val	Ile	Val	Ser	Trp	Arg	Asn	Leu	Pro	Ser	Val
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Ser	Ile	Asn	Asp	Pro	Leu	Leu	Met	Ile	Gly	Lys	Pro	Ala	Gly	Leu	Thr
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Leu	Lys	Ala	Arg	Glu	Asn	Met	Ala	Cys	Ala	Ser	Leu	Leu	Ala	Gly	Met
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Ala	Phe	Asn	Asn	Ala	Asn	Leu	Gly	Tyr	Val	His	Ala	Met	Ala	His	Gln
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 Asp Phe Pro Tyr Met Ala Glu Met Ala Leu Lys Asp Gly Asn Ala Phe
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 Gln Ala Phe
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